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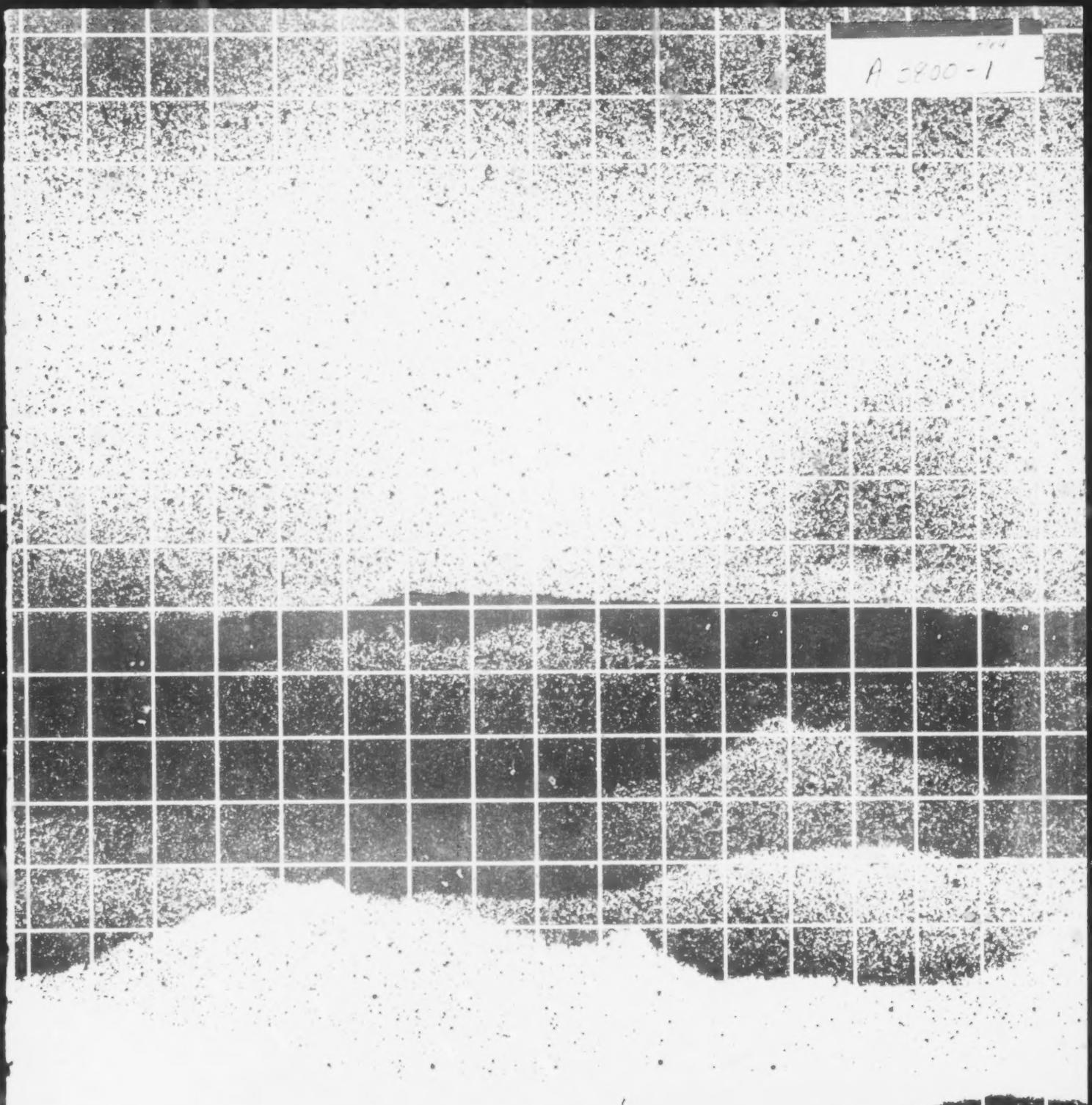

The Carpet and Rug Institute

CRI

INDUSTRY REVIEW 1982

Preface

The Carpet and Rug Institute is the national trade association representing the carpet and rug industry in the United States. CRI members are either manufacturers of carpet, rugs or other industry products, or are suppliers of raw materials and services to the industry.

The work of the Institute is under the direction of an elected Chairman and Board of Directors and an appointed President. Each phase of industry activity is assigned to professional staff in such areas as marketing and communications, member services, government and consumer affairs, and technical services.

Lending their time and expertise to assist the staff are personnel from member companies who work on committees and subcommittees.

CRI maintains permanenet offices in Dalton, Georgia and in Washington, D.C.

Highlights of 1982

- Shipments totaled $5.0 billion, a decrease of 4.2 percent from 1981.
- Total square yards reached 906 million, down 8.5 percent from 1981.
- Tufted's share of market was 94.2 percent on a square yard basis, and 93.8 percent based on dollars.
- Woven products held a 1.3 percent share on a square yard basis and 3.4 percent based on dollars.
- Nylon held a 79.8 percent share of the face fiber market; polypropylene ranked second with 11.5 percent; polyester 10.0 percent; and wool less than one percent.
- Export sales were $286.2 million, down 14.6 percent from 1981.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, United Arab Emirates, Kuwait, and West Germany.
- Imports reached $267.6 million, a decrease of 10.6 percent from 1981.
- The top five suppliers to the U.S. were: India, China, Belgium, the United Kingdom, and Iran.

Highlights of 1981

- Shipments totaled $5.3 billion, an increase of 6.8 percent over 1980.
- Total square yards reached 991 million, down 6.4 percent from 1980.
- Tufted's share of market was 95.6 percent on a square yard basis, and 94.4 percent based on dollars.
- Woven products held a 1.4 percent share on a square yard basis and 3.4 percent based on dollars.
- Nylon held an 81.1 precent share of the face fiber market; polypropylene ranked second with 10.2 percent; polyester 8.0 percent; and wool less than one percent.
- Export sales were $335.2 million, up 4.6 percent from 1980.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, the United Kingdom, Kuwait and the United Arab Emirates.
- Imports reached $296.9 million, an increase of 7.5 percent from 1980.
- The top five suppliers to the U.S. were: Belgium, India, Japan, the United Kingdom and China.

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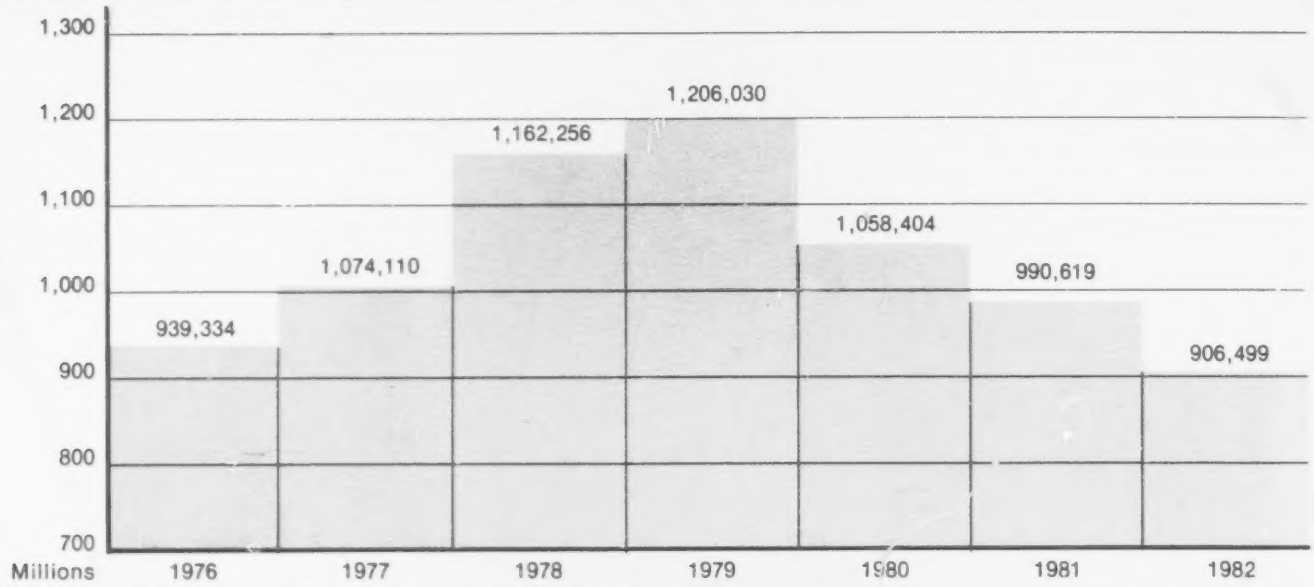
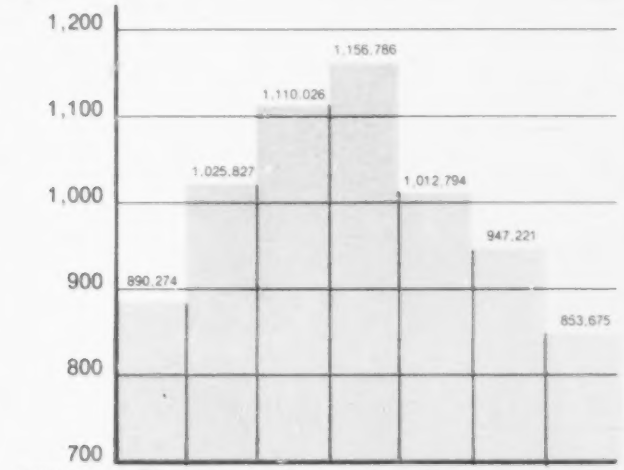
Dalton, GA 30720
404/278-3176

TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS



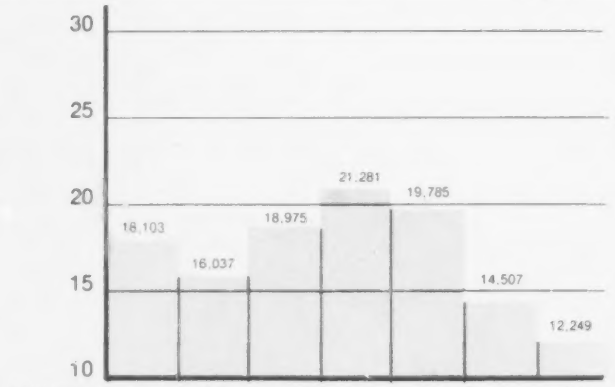
Includes all tufted, woven and all other carpet and rugs.

TUFTED



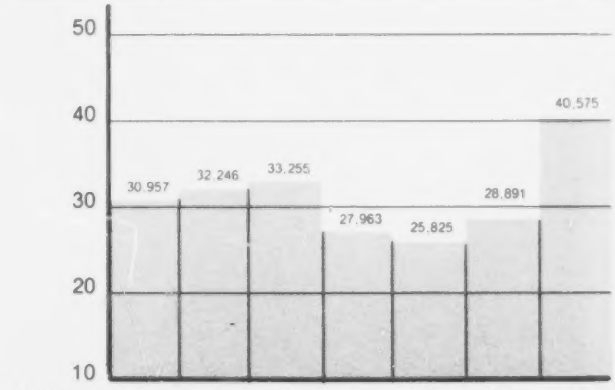
Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces, and automobile and aircraft carpet.

WOVEN



Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER

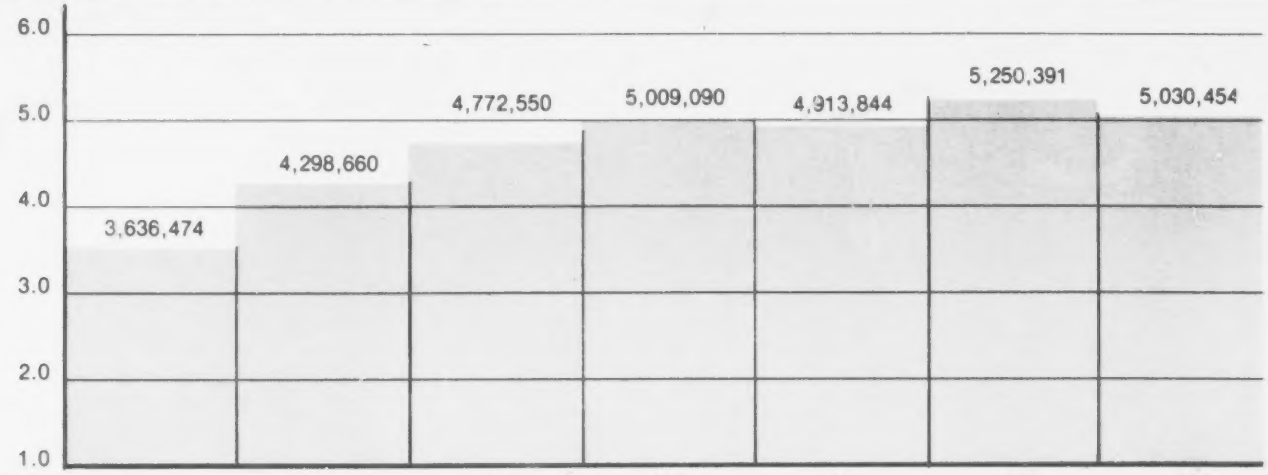


Includes knitted, needlepunch, braided, hooked and other carpet and rugs not elsewhere classified (N.E.C.).

Refer to Appendix Table 1, page 7, for additional data.

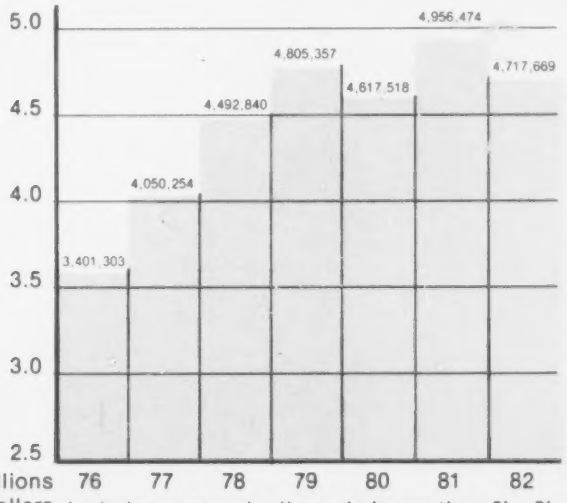
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE



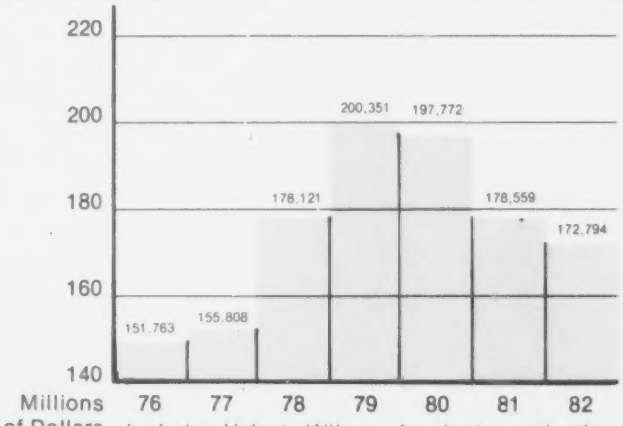
Includes all tufted, woven, and all other carpet and rugs.

TUFTED



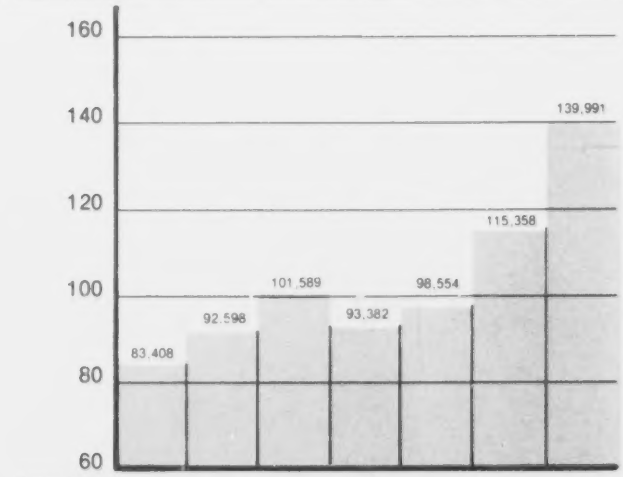
Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces and automobile and aircraft carpet.

WOVEN



Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER

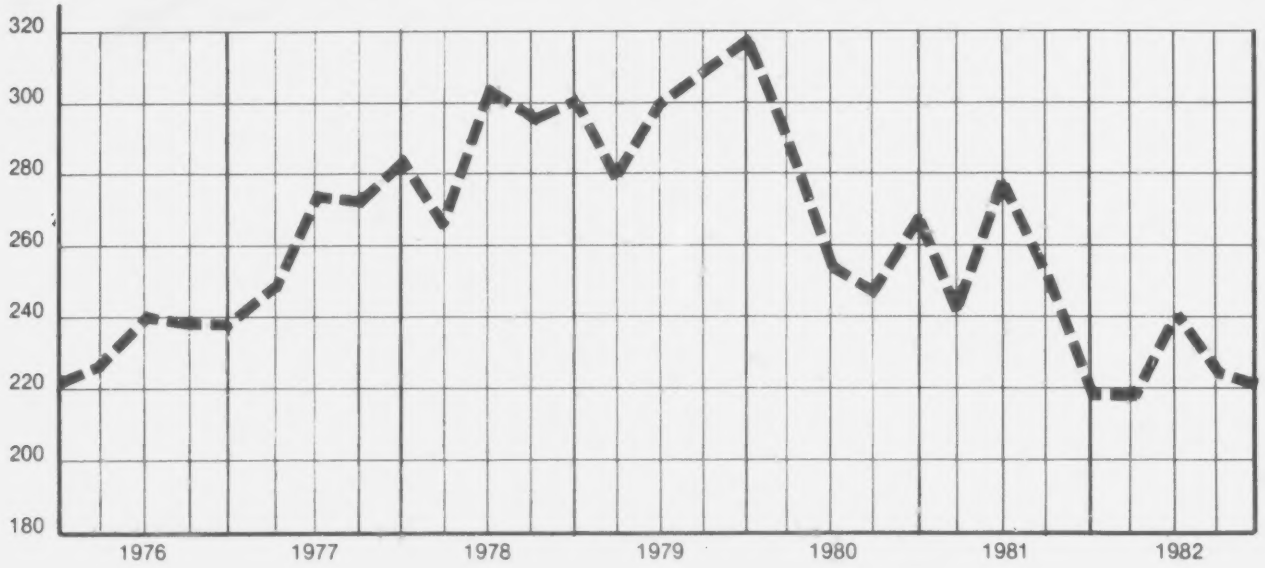


Includes knitted, needlepunch, braided, hooked and other carpet and rugs N.E.C.

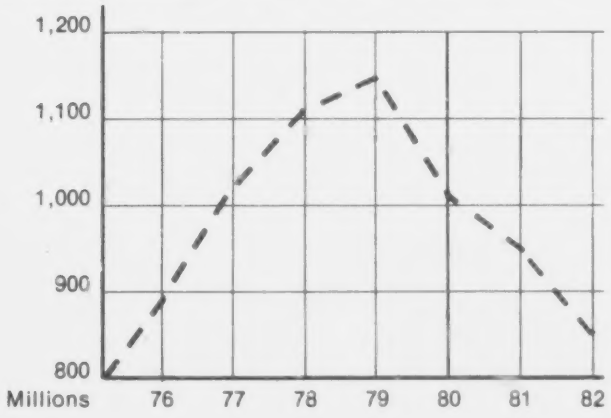
Refer to Appendix Table 2, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

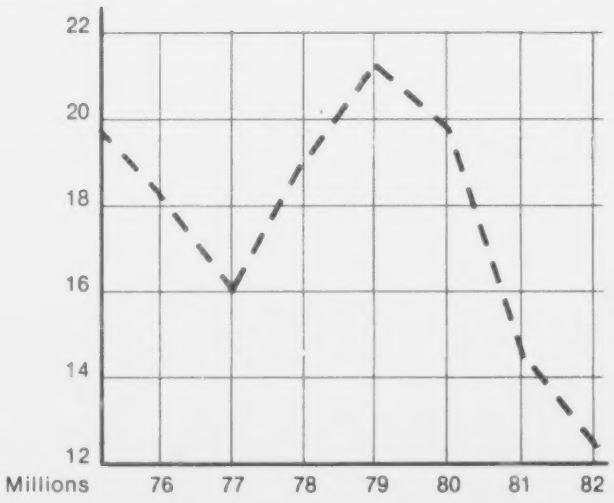
TOTAL INDUSTRY SHIPMENTS — QUARTERLY — SQUARE YARDS



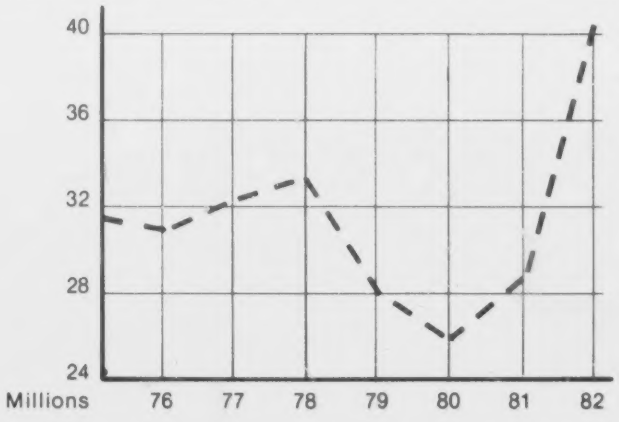
TUFTED SHIPMENTS — SQUARE YARDS



WOVEN SHIPMENTS — SQUARE YARDS



ALL OTHER SHIPMENTS — SQUARE YARDS

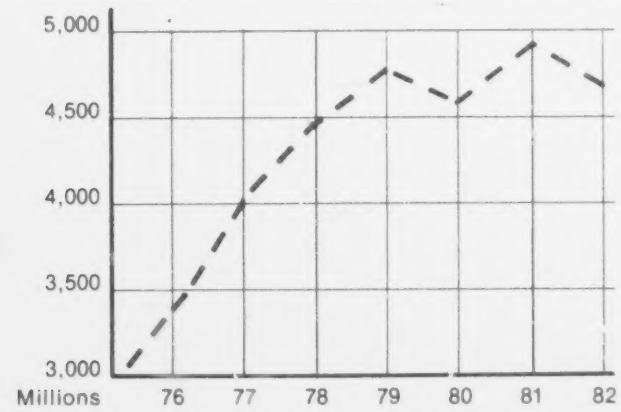


Refer to Appendix Table 1 and 3 for additional data.

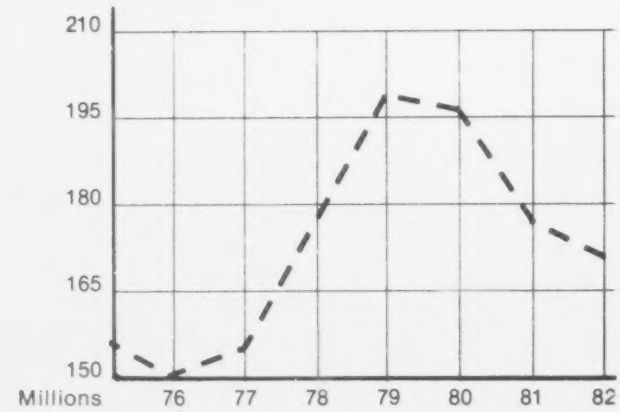
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22.

TOTAL INDUSTRY SHIPMENTS — QUARTERLY — DOLLARS

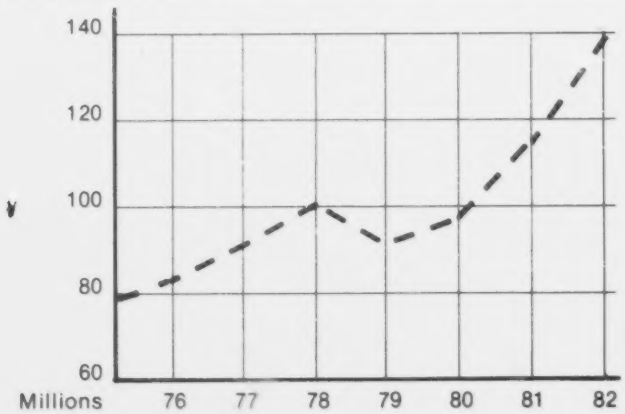
TUFTED SHIPMENTS — DOLLARS



WOVEN SHIPMENTS — DOLLARS



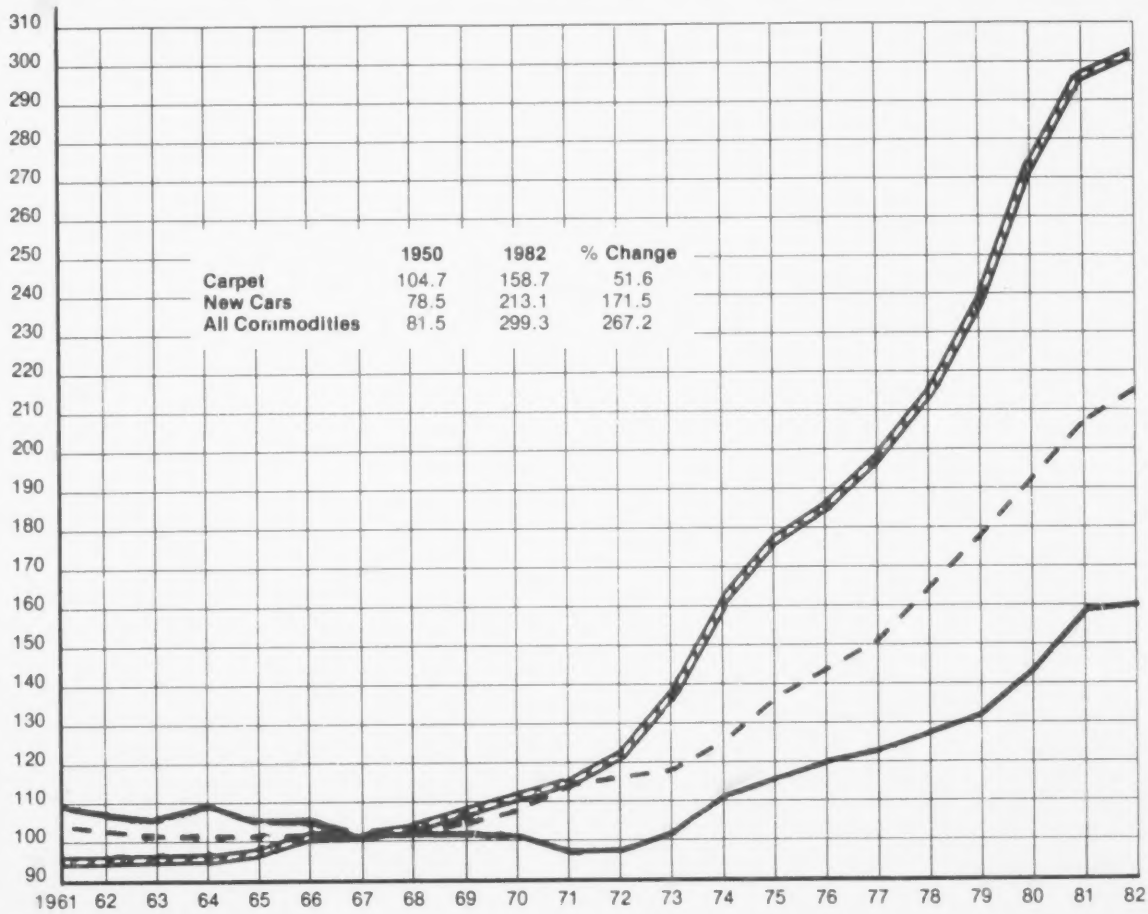
ALL OTHER SHIPMENTS — DOLLARS



Refer to Appendix Table 2 and 3 for additional data.

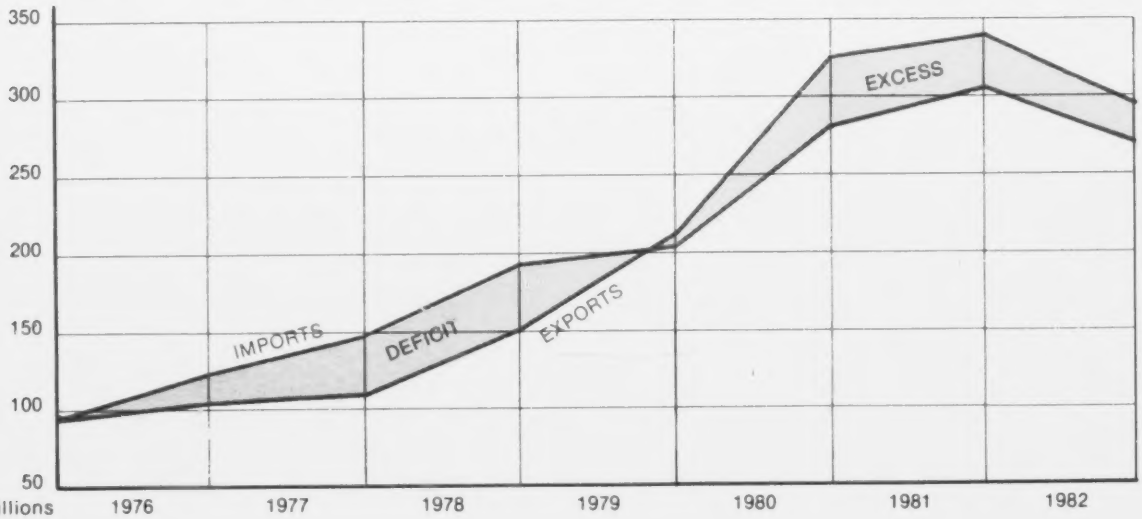
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22.

PRODUCER PRICE INDEX (1967 = 100%)



Source: Bureau of Labor Statistics
All Commodities
New Cars
Carpet

CARPET AND RUG TRADE BALANCE



APPENDIX TABLE 1 TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS (000's Omitted)							
	1976	1977	1978	1979	1980	1981	1982
TUFTED	890,274	1,025,827	1,110,026	1,156,786	1,012,794	947,221	853,675
Rugs smaller than 6' x 9'	65,960	79,737	81,072	80,751	73,711	72,300	60,065
Rugs & roll goods larger than 6' x 9'	762,217	875,882	947,344	973,738	837,809	808,477	740,427
[1]Artificial Grass for non-athletic surfaces	—	—	16,076	30,712	33,050	22,596	21,432
Automotive & aircraft	62,097	70,208	65,534	71,585	68,224	43,848	31,751
WOVEN	18,103	16,037	18,975	21,281	19,785	14,507	12,249
ALL OTHER	30,957	32,246	33,255	27,963	25,825	28,891	40,575
Knitted	9,625	9,254	7,677	7,617	7,386	6,388	5,565
Needlepunch	17,068	16,838	19,290	14,806	12,681	17,601	29,116
Braided, Hooked and Other N.E.C.	4,264	6,154	6,288	5,540	5,758	4,902	5,894
TOTAL INDUSTRY	939,334	1,074,110	1,162,256	1,206,030	1,058,404	990,619	906,499

[1]Data for 1976 and 1977 included with roll goods larger than 6' x 9'.
Figures may not add due to rounding.
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 2 TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE (000's Omitted)							
	1976	1977	1978	1979	1980	1981	1982
TUFTED	3,401,303	4,050,254	4,492,840	4,805,357	4,617,518	4,956,474	4,717,669
Rugs smaller than 6' x 9'	189,021	242,860	247,382	251,973	273,323	298,053	296,848
Roll goods & rugs larger than 6' x 9'	3,038,511	3,618,081	3,993,648	4,239,270	4,013,669	4,398,367	4,184,299
[1]Artificial Grass for non-athletic surfaces	—	—	43,209	70,799	78,437	59,132	56,493
Automotive & aircraft	173,771	189,313	208,601	243,315	252,089	200,922	180,029
WOVEN	151,763	155,808	178,121	200,351	197,772	178,559	172,794
ALL OTHER	83,408	92,598	101,589	93,382	98,554	115,358	139,991
Knitted	40,716	42,958	42,489	40,703	41,595	44,295	46,528
Needlepunch	29,010	29,457	33,535	32,401	29,052	45,145	67,026
Braided, Hooked and Other N.E.C.	13,682	20,183	25,565	20,278	27,907	25,918	26,437
TOTAL INDUSTRY	3,636,474	4,298,660	4,772,550	5,099,090	4,913,844	5,250,391	5,030,454

[1]Data for 1976 and 1977 included with roll goods larger than 6' x 9'.
Figures may not add due to rounding.
Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 3 TOTAL INDUSTRY SHIPMENTS — QUARTERLY ANALYSIS (000's Omitted)

YEAR	QUARTER	SQUARE YARDS	DOLLARS
1982		906,499	$5,030,454
	1st	218,713	1,189,189
	2nd	240,437	1,295,324
	3rd	224,825	1,276,243
	4th	222,524	1,269,698
1981		990,619	$5,250,391
	1st	241,803	1,217,186
	2nd	278,675	1,461,655
	3rd	252,530	1,379,518
	4th	217,611	1,192,032
1980		1,058,404	$4,913,844
	1st	287,880	1,307,283
	2nd	254,327	1,167,474
	3rd	246,290	1,152,448
	4th	269,907	1,286,639
1979		1,206,030	$5,099,090
	1st	279,379	1,141,597
	2nd	299,117	1,272,327
	3rd	309,750	1,309,453
	4th	317,784	1,375,713
1978		1,162,256	$4,772,550
	1st	264,928	1,070,747
	2nd	303,397	1,241,364
	3rd	294,959	1,205,734
	4th	298,972	1,254,705
1977		1,074,110	$4,298,660
	1st	246,547	969,050
	2nd	272,775	1,071,193
	3rd	270,530	1,095,901
	4th	284,258	1,162,516
1976		939,334	$3,636,474
	1st	226,024	854,777
	2nd	239,279	906,677
	3rd	236,603	934,166
	4th	237,428	940,854

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 4 TOTAL INDUSTRY SHIPMENTS

(Includes all woven, all tufted and all other carpet and rugs combined)

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1962	281,714	—	$ 956,670	—	$ 3.40	—
1963	319,489	+13.4	1,075,526	+12.3	3.36	- 1.2
1964	374,384	+17.2	1,241,511	+15.5	3.32	- 1.2
1965	430,257	+14.9	1,382,404	+11.3	3.21	- 3.3
1966	469,197	+ 9.1	1,497,588	+ 8.3	3.19	- 0.6
1967	496,794	+ 5.9	1,615,534	+ 7.9	3.25	+ 1.9
1968	586,155	+18.0	1,972,347	+22.1	3.36	+ 3.4
1969	642,645	+ 9.6	2,186,562	+10.9	3.40	+ 1.2
1970	680,479	+ 5.9	2,215,111	+ 1.3	3.26	- 4.1
1971	755,159	+11.0	2,395,519	+ 8.1	3.17	- 2.8
1972	943,006	+24.9	2,936,284	+22.6	3.11	- 1.9
1973	1,025,389	+ 8.7	3,360,521	+14.5	3.28	+ 5.5
1974	939,133	- 8.4	3,328,844	- 0.9	3.54	+ 7.9
1975	834,037	-11.2	3,092,176	- 7.1	3.71	+ 4.8
1976	939,334	+12.6	3,636,474	+17.6	3.87	+ 4.3
1977	1,074,110	+14.3	4,298,660	+18.2	4.00	+ 3.4
1978	1,162,256	+ 8.2	4,772,550	+11.0	4.11	+ 2.8
1979	1,206,030	+ 3.8	5,099,000	+ 6.8	4.23	+ 2.9
1980	1,058,404	-12.2	4,913,844	- 3.9	4.64	+ 9.7
1981	990,619	- 6.4	5,250,391	+ 6.8	5.30	+14.2
1982	906,499	- 8.5	5,030,454	- 4.2	5.55	+ 4.7

APPENDIX TABLE 5 TOTAL BROADLOOM SHIPMENTS

(Includes all woven and knitted goods plus tufted roll goods and rugs larger than 6' x 9')

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1962	195,103	—	$ 787,013	—	$ 4.03	—
1963	225,332	+15.5	891,005	+13.2	3.95	- 2.0
1964	265,008	+17.6	1,003,398	+16.0	3.90	- 1.3
1965	301,143	+13.6	1,135,892	+ 9.9	3.77	- 3.3
1966	331,279	+10.0	1,222,964	+ 7.7	3.69	- 2.1
1967	368,590	+11.3	1,327,148	+ 8.5	3.60	- 2.4
1968	434,640	+17.9	1,631,226	+22.9	3.75	+ 4.2
1969	494,686	+13.8	1,862,027	+14.1	3.76	+ 0.3
1970	536,352	+ 8.4	1,908,417	+ 2.5	3.56	- 5.3
1971	589,920	+10.0	2,063,071	+ 8.1	3.50	- 1.7
1972	768,389	+30.3	2,594,968	+25.8	3.38	- 5.4
1973	842,240	+ 9.6	2,995,857	+15.5	3.56	+ 5.3
1974	788,944	- 6.3	2,975,069	- 0.7	3.77	+ 5.9
1975	703,423	-10.8	2,744,169	- 7.8	3.90	+ 3.4
1976	789,945	+12.3	3,230,990	+17.7	4.09	+ 4.9
1977	901,173	+14.1	3,816,847	+18.1	4.24	+ 3.7
1978	990,072	+ 9.9	4,257,467	+11.5	4.30	+ 1.4
1979	1,033,348	+ 4.4	4,551,123	+ 6.9	4.40	+ 2.3
1980	898,030	-13.1	4,331,473	- 4.8	4.82	+ 9.5
1981	851,968	- 5.1	4,680,353	+ 8.1	5.49	+13.9
1982	779,673	- 8.5	4,460,114	- 4.7	5.72	+ 4.2

APPENDIX TABLE 6 CARPET AND RUG FIBER SHIPMENTS (MM pounds)

	1980	1981					1982				
		1st Q	2nd Q	3rd Q	4th Q	Total	1st Q	2nd Q	3rd Q	4th Q	Total
Nylon BCF	714.5	184.0	186.9	146.6	116.1	633.6	123.6	141.4	154.3	140.2	559.5
Nylon Staple	631.5	185.7	192.7	136.3	102.7	617.4	125.1	150.1	165.5	153.7	594.4
Polyester Staple	119.9	27.0	37.6	29.2	30.2	124.0	24.6	32.0	27.6	30.5	114.7
Polypropylene BCF & Fibrillated	89.5	21.5	22.7	22.0	23.3	89.5	23.4	22.1	23.0	21.5	90.0
Polypropylene Staple	61.6	16.1	17.7	17.3	16.4	67.5	17.0	21.5	19.6	18.7	76.8
Wool	10.0	3.0	2.0	3.0	3.0	11.0	2.6	2.4	2.7	2.1	9.8
TOTALS	1627.0	437.3	459.6	354.4	291.7	1543.0	316.3	369.5	392.7	366.7	1445.2

Source: Textile Organon, Textile Economics Bureau.

APPENDIX TABLE 7 CARPET/RUG EXPORTS

YEAR	SQUARE YARDS	DOLLARS*
1975	20,895,000	$ 86,173,000
1976	24,630,000	102,456,000
1977	23,865,000	105,786,000
1978	31,763,000	147,322,000
1979	43,763,000	212,272,000
1980	68,617,000	320,281,000
1981	60,460,447	335,172,000
1982	50,265,000	$286,182,000

Source: U. S. Department of Commerce, Bureau of the Census, EM 522 and 526.

*F.A.S. Country of Origin - not including freight and duty cost.

CARPET/RUG IMPORTS

YEAR	SQUARE YARDS	DOLLARS*
1975	10,751,000	$ 87,292,000
1976	13,988,000	119,705,000
1977	13,871,000	146,319,000
1978	15,032,000	189,846,000
1979	14,151,000	199,752,000
1980	13,797,741	276,311,000
1981	14,151,000	299,226,000
1982	17,122,000	267,594,000

Source: U. S. Department of Commerce, Bureau of the Census, IM 145 and 146.

*F.A.S. Country of Origin - not including freight and duty cost.

APPENDIX TABLE 8 CARPET/TOTAL TEXTILES BALANCE OF TRADE

PERIOD	IMPORTS	EXPORTS	BALANCE OF CARPET TRADE	BALANCE OF TEXTILE TRADE*
1975	$ 87,292,000	$ 86,173,000	- 1.29%	+33.31%
1976	119,705,000	102,456,000	- 14.41%	+20.49%
1977	146,319,000	105,786,000	- 27.71%	+10.55%
1978	189,846,000	147,322,000	- 22.40%	+01.14%
1979	199,752,000	212,272,000	+ 6.26%	+43.91%
1980	276,311,000	320,281,000	+15.91%	+45.69%
1981	299,226,000	335,172,000	+12.01%	+18.81%
1982	267,594,000	286,182,000	+ 6.95%	- 00.82%

*Textiles include all yarns, fiber, carpet, rugs, and fabric.

Sources: U. S. Department of Commerce, Bureau of the Census, IM 145, IM 146, EM 522, and EM 546.

APPENDIX TABLE 9 1982 EXPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
African Islands	2	9							2	9
Algeria			—	2					—	2
Angola	2	21	2	15			—	1	4	37
Argentina	42	315	5	125			—	6	47	446
Australia	1,185	5,864	306	798			57	357	1,548	7,019
Austria	28	68	9	198			2	216	39	482
Bahamas	204	1,074	222	1,052	1	1	10	117	437	2,244
Bahrain	660	3,963	32	284	7	48	—	1	699	4,296
Barbados	13	79	81	372	1	4	26	51	121	506
Belgium & Luxembourg	28	201	444	1,674			9	77	481	1,952
Belize	2	14	2	14			3	13	7	41
Bermuda British	233	1,520	32	394	—	1	13	128	278	2,043
Bolivia	7	31	1	3			1	17	9	51
Brazil	2	11	2	18					4	29
British Indian Ocean Terr	1	13							1	13
Cameroon			5	36					5	36
Canada	5,020	29,727	480	2,210	724	1,418	950	3,387	7,174	36,742
Canary Islands							3	32	3	32
Cayman Islands	36	181	64	325	—	1	23	26	123	533
Chile	255	1,094	57	275			29	183	341	1,552
China (Mainland)			—	1					—	1
China (Taiwan)	25	98	17	271			3	23	45	392
Colombia	120	742	60	507	4	33	90	362	274	1,644
Costa Rica	1	5	1	1					2	6
Cyprus	104	644	47	183			—	2	151	829
Denmark	5	45	4	24			37	126	46	195
Dominican Republic	51	255	17	83			15	101	83	439
Ecuador	7	40	—	7			3	10	10	57
Egypt	112	532	1	28			19	212	132	772
El Salvador	1	4	—	2			—	3	1	9
Finland	2	12	—	1			17	133	19	146
France	65	222	8	93			41	671	114	986
French Pacific Islands	1	8	6	103			7	13	14	124
French West Indies	3	22	1	6			—	3	4	31
Gambia	—	1			—	1			—	2
Germany (West)	372	2,273	50	1,302	31	182	365	5,914	818	9,671
Ghana	2	22	3	29			—	5	5	56
Gibraltar			3	16					3	16
Greece	4	46	6	39			1	2	11	87
Guatemala	11	63	15	72			8	45	34	180
Guinea	2	8	—	1					2	9
Guyana	1	5	1	1					2	6
Haiti	12	38	3	21			15	34	30	93
Honduras	8	61	5	57	1	1	4	16	18	135
Hong Kong	403	2,497	158	771			19	153	580	3,421
Iceland	39	415	28	277			9	37	76	729
India			8	170					8	170
Indonesia	64	376							64	376
Iran			—	4					—	4
Ireland	11	60	—	1			—	4	11	65
Israel	16	91	5	52			1	14	22	157
Italy	100	366	5	95			78	618	183	1,079
Ivory Coast	—	2							—	2
Jamaica	56	419	10	112			10	44	76	575
Japan	1,345	7,089	119	921	1	13	105	791	1,570	8,814
Jordan	304	1,622	25	112	4	29	12	53	345	1,816

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Korea (Republic)	6	40	30	239			23	191	59	470
Kuwait	3,957	23,914	221	1,622	25	166	275	453	4,478	26,155
Lebanon	183	1,374	21	212	11	20	1	25	216	1,631
Leeward & Windward Is.	34	168	33	167	—	1	8	46	75	382
Liberia	23	147	9	72	—	1	4	28	36	248
Libya	1	4					2	3	3	7
Macao							30	265	30	265
Malaysia	116	520	13	87			10	74	139	681
Malta & Gazo	2	9	3	16					5	25
Maurit	1	2							1	2
Mexico	82	482	109	905	—	1	35	328	226	1,716
Nepal			1	13					1	13
Netherlands	83	538	154	223			55	677	292	1,438
Netherlands Antilles	68	372	147	696	4	12	36	202	255	1,282
New Guinea	2	6	1	3					3	9
New Zealand	11	62	12	77			57	135	80	274
Nicaragua	—	2	—	1			1	9	1	12
Nigeria	30	117	12	101			121	230	163	448
Norway	83	442	4	32			25	174	112	648
Oman	266	1,782	98	525					364	2,307
O PW AF			3	22			1	3	4	25
Pacific Is. (Africa-Other)	12	68	7	33			1	9	20	110
Pacific Is. (Trust of)	1	6	7	34			—	1	8	41
Pakistan	—	2	4	144					4	146
Panama	235	1,191	43	397	13	47	65	344	356	1,979
Paraguay	14	54	2	17			5	86	21	157
Peru	37	185	21	123			4	27	62	335
Philippines	1	9	3	16			3	25	7	50
Portugal	—	1					—	1	—	2
Qatar	777	5,157	8	45			11	84	796	5,286
Saudi Arabia	16,051	86,957	977	7,011	36	223	929	6,075	17,993	100,266
Singapore	725	3,969	73	528			54	279	852	4,776
South Africa (Republic of)	223	1,098	14	170			33	197	270	1,465
Spain	6	27	6	94			24	105	36	226
St. Pierre & Miquelon			1	3					1	3
Sudan	8	41	1	33					9	74
Surinam	9	35	11	81			8	68	28	184
Sweden	158	581	439	1,738			412	1,061	1,009	3,380
Switzerland & Liechtenstein	40	496	11	586	31	186	53	3,422	135	4,690
Syria	20	107					—	32	20	139
Thailand	1	7	1	18			11	59	13	84
Trinidad	435	2,132	312	1,583	12	42	128	594	887	4,351
Turkey			1	1			—	7	1	8
Turk Islands	—	1	3	27	1	3			4	31
United Arab Emirates	3,174	17,981	112	694			3	46	3,289	18,721
United Kingdom	1,407	7,269	65	1,186	—	1	110	867	1,582	9,323
Uruguay	55	231	1	9			—	7	56	247
USSR	—	1							—	1
Venezuela	70	361	19	175	—	5	51	172	140	713
West Samoa	—	1							—	1
Yemen (Sana)	38	123	—	2					38	125
Yugoslavia	—	1							—	1
Zaire	4	17	5	55			1	4	10	76
TOTALS	39,416	220,358	5,368	32,974	907	2,440	4,575	30,416	50,266	286,188

Source: U.S. Department of Commerce, Bureau of the Census, EM 546.

Note: Dollar value reported F.O.B. country of origin - not including freight and duty cost.

APPENDIX TABLE 10 1982 IMPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTALS		MACHINE WOVEN		ALL OTHERS		TOTAL	
	Sq. Yds	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq Yds.	Dollars	Sq. Yds.	Dollars
Afghanistan	0	$ 3	1	$ 4	34	$ 2,506	1	$ 11	42	$ 884	78	$ 3,408
Albania					3	240			0	19	3	259
Argentina									0	4	0	4
Australia	81	1,101					0	3	0	1	81	1,105
Austria					0	35	0	11	16	256	16	302
Azores					0	1					0	1
Bahamas									0	5	0	5
Bangladesh	0	7			0	2	3	21	0	1	3	31
Belgium & Luxembourg	329	2,676	1	2	12	285	2,485	26,918	153	690	2,980	30,571
Bermuda					0	8					0	8
Bolivia					0	5			0	1	0	6
Botswana					0	1					0	1
Brazil	1	8					667	1,160	33	85	701	1,253
Canada	384	3,491	2	3	0	46	16	356	148	542	548	4,438
Canary Islands	0	3									0	3
Chile									0	2	0	2
China (Mainland)	235	6,035	0	8	528	39,485	20	128	36	290	819	45,946
China (Taiwan)	4	101	33	114	4	492	2	14	17	138	60	859
Colombia	0	9							0	4	0	13
Comoros					0	12					0	12
Denmark	12	143	1	3	1	17	127	2,374	100	311	241	2,848
Ecuador					0	34					0	34
Egypt	0	11	0	5	2	230			11	56	13	302
El Salvador									0	2	0	2
Ethiopia									0	1	0	1
Finland	0	6	0	2	0	7	2	34	12	178	14	227
France	3	37	0	1	3	253	26	717	20	239	52	1,247
Germany (West)	54	510	0	1	7	901	44	725	177	1,486	282	3,623
Greece	38	397			2	45	37	397	16	171	93	1,010
Guatemala					0	1			0	3	0	4
Haiti	7	228	2	14					4	64	13	306
Hong Kong	24	1,435	0	4	6	536	0	30	1	51	31	2,056
Hungary	0	1			0	6			8	141	8	148
Iceland									0	1	0	1
India	5	25	12	53	782	35,857	233	1,187	2,907	14,598	3,939	51,720
Iran	1	68	0	13	110	19,254	0	17	4	169	115	19,521
Iraq					0	4					0	4
Ireland	2	67			0	25	226	4,833	412	2,662	640	7,587
Israel	3	64			0	17	9	249	0	1	12	331
Italy	10	118	0	3	0	26	171	2790	5	92	186	3,029
Japan	142	2,564	2,790	10,274	2	61	51	185	176	245	3,161	13,329
Kenya			6	25							6	25
Korea (Republic of)	50	1,074	21	71	2	48			4	9	77	1,202
Kuwait					0	11	1	18			1	29
Laos									0	1	0	1
Lebanon					0	10			0	1	0	11
Lesotho									0	4	0	4
Macao					0	2					0	2
Mexico	0	28			0	5	0	4	141	803	141	840
Morocco	0	3	0	5	3	172	0	3	3	60	6	243
Nepal	0	4			15	1,031	0	12	1	27	16	1,074
Netherlands	196	1,712			4	224	193	2,872	190	1,130	583	5,938
New Zealand	62	732			0	1	66	1,314	1	13	129	2,060

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTALS		MACHINE WOVEN		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Norway	0	1					2	14	0	10	2	25
Oman									1	5	1	5
Pakistan	0	6	0	1	267	18,540	1	11	44	235	312	18,793
Peru	0	1			1	30	0	2	3	55	4	88
Philippines	3	191	2	3	1	59	0	2	2	30	8	285
Poland							5	135	6	199	11	334
Portugal	1	29	0	20	8	300	1	30	55	1,478	65	1,857
Qatar									0	1	0	1
Romania					46	3,618	1	12	29	1,248	76	4,878
Saudi Arabia					0	4	0	2	0	1	0	7
Singapore	1	60			1	54	3	52	0	9	5	175
South Africa (Republic of)					0	7	23	241	3	132	26	380
Spain	1	29			2	92	118	1,935	6	122	127	2,178
Sweden	0	1			3	115	0	4	11	121	14	241
Switzerland	12	76			1	213	37	1,214	2	75	52	1,578
Thailand	89	3,167	0	1	0	18	1	10	0	4	90	3,200
Tunisia					0	7			3	120	3	127
Turkey	0	22			52	4,601	2	53	21	671	75	5,347
United Arab Emirates					0	36			0	16	0	52
United Kingdom	41	686	0	5	5	420	1,075	19,293	82	608	1,203	21,012
Uruguay					0	1			0	1	0	2
U.S.S.R.					0	29	0	1	0	9	0	39
Yemen (South)							0	3			0	3
Yugoslavia	0	1									0	1
TOTALS	1,790	$ 26,932	2,869	$ 10,635	1,907	$ 130,040	5,649	$ 69,398	4,905	$ 30,591	17,122	$ 267,594

Source: U.S. Department of Commerce, Bureau of the Census, IM 146.

Note: Dollar value reported F.O.B. country of origin - not including freight and duty cost.

Note: Due to rounding, figures may not total exact amount listed.

APPENDIX TABLE 11 PRIMARY BACKING CONSUMED (000's Omitted)

MATERIAL	1976	1977	1978	1979	1980	1981	1982
WOVEN(Pounds)							
Cotton	5,424	4,380	2,450	2,080	1,508	(D)	(D)
Jute	8,848	9,679	16,346	15,360	4,701	4,294	2,764
Paper	2,849	(D)	—	—	—	—	—
Man-Made & All Other	5,694	13,218	12,412	15,795	9,292	[1]8,638	8,694
TOTAL	22,815	27,277	31,208	33,235	15,499	15,316	12,729
TUFTED (Square Yards)							
Cotton	7,091	1,022	598	(D)	(D)	3,106	(D)
Jute	199,806	205,493	202,338	122,675	30,397	42,346	22,094
Paper	—	—	—	—	—	—	—
Man-Made & All Other	629,754	761,300	871,949	1,023,967	858,441	[1]832,738	736,112
TOTAL	836,651	973,897	1,080,341	1,152,190	926,397	883,774	766,441
ALL OTHER (Square Yards)							
Cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Jute	—	(D)	(D)	(D)	(D)	(D)	(D)
Paper	(D)	—	—	—	—	—	—
Man-Made & All Other	16,267	23,170	22,046	15,547	14,426	[2]10,496	[3]5,271
TOTAL	19,445	25,902	26,196	18,353	14,999	10,993	27,978
TOTAL (Square Yards)							
NOT AVAILABLE							

APPENDIX TABLE 12 SECONDARY BACKING CONSUMED (000's Omitted)

MATERIAL	1976	1977	1978	1979	1980	1981	1982
WOVEN (Square Yards)							
Jute	(D)	(D)	(D)	(D)	(D)	(D)	(D)
M/M, Woven & Non-W	—	—	(D)	—	—	(D)	(D)
Cushion - Total	(D)	(D)	2,373	2,614	(D)	(D)	(D)
Foam or High Den	(D)		(D)	(D)			
Vinyl, Poly, Other	(D)	(D)	(D)	(D)	—	—	(D)
Other	(D)	(D)	(D)	(D)	—	—	—
TOTAL	3,522	(D)	(D)	(D)	1,110	(D)	(D)
TUFTED (Square Yards)							
Jute	422,667	504,177	570,690	583,316	419,637	463,669	384,442
M/M, Woven & Non-W	—	—	21,395	92,825	183,256	171,045	165,602
Cushion - Total	189,098	206,262	245,620	210,004	161,778	128,250	123,822
Foam or High Den	178,190	192,241	225,460	188,660	104,745	92,834	90,510
Vinyl, Poly, Other	10,908	14,021	20,160	21,344	33,043	35,416	33,312
Other	41,043	54,454	52,027	55,746	44,117	48,465	41,316
TOTAL	669,253	783,497	913,163	1,181,318	824,671	812,245	735,041
ALL OTHER (Square Yards)							
Jute	(D)	—	—	—	—	—	—
M/M, Woven & Non-W	—	—	—	—	—	—	—
Cushion - Total	(D)	(D)	(D)	(D)	2,290	2,862	(D)
Foam or High Den	(D)	(D)	(D)	(D)	1,968	2,862	(D)
Vinyl, Poly, Other	(D)	(D)	(D)	(D)	322	—	(D)
Other	(D)	(D)	(D)	(D)	814	—	(D)
TOTAL	2,779	(D)	(D)	(D)	3,104	2,862	(D)
TOTAL (Square Yards)							
Jute	434,649	514,217	580,437	593,898	429,764	464,362	395,611
M/M, Woven & Non-W	—	—	21,873	92,825	183,874	181,166	174,930
Cushion - Total	195,857	216,735	256,592	219,951	165,871	131,827	125,528
Foam or High Den	182,578	199,147	233,349	195,864	122,498	96,411	91,802
Vinyl, Poly, Other	13,279	17,588	23,243	24,087	43,373	35,416	33,646
Other	45,048	61,442	69,644	75,935	49,376	48,465	41,344
TOTAL	657,013	792,394	928,546	982,609	828,885	825,820	737,413

[1]All Man-Made [2]Man-Made 3,236 [3]All "Other"
(D) Withheld to avoid disclosing figures of individual companies.
Note: Individual figures do not add up to totals because some data were withheld to avoid problems of disclosure.
Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 13 HOUSING STARTS/TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9'

NEW PUBLIC AND PRIVATE HOUSING UNITS STARTED — Seasonally Adjusted Annual Rate

Year	MM Units	% Inc. or Dec.
1963	1,634.9	—
1964	1,561.0	- 4.5
1965	1,509.7	- 3.3
1966	1,195.8	- 20.8
1967	1,321.9	+ 10.5
1968	1,545.4	+ 16.9
1969	1,499.5	- 3.0
1970	1,469.0	- 2.0
1971	2,084.5	+ 41.9
1972	2,378.5	+ 14.1
1973	2,057.3	- 13.5
1974	1,352.5	- 34.3
1975	1,171.4	- 13.4
1976	1,547.6	+ 32.1
1977	2,001.7	+ 29.3
1978	2,036.1	+ 1.7
1979	1,760.0	- 13.6
1980	1,312.6	- 25.4
1981	1,100.3	- 16.2
1982	1,072.1	- 2.6

Source: U. S. Department of Commerce, Bureau of the Census, Construction Reports, Housing Starts, C-20-83-1.

*TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9' (Incl. Artificial Grass)

Year	Square Yards (000's Omitted)	% Inc. or Dec.
1963	176,362	—
1964	219,703	+ 24.6
1965	259,885	+ 18.3
1966	288,710	+ 11.1
1967	328,602	+ 13.8
1968	394,747	+ 20.1
1969	455,341	+ 15.4
1970	502,280	+ 10.3
1971	558,565	+ 11.2
1972	734,308	+ 31.5
1973	809,435	+ 10.2
1974	756,386	- 6.5
1975	676,713	- 10.5
1976	762,217	+ 12.6
1977	875,882	+ 14.9
1978	963,420	+ 10.0
1979	1,004,450	+ 4.3
1980	870,859	- 13.3
1981	831,073	- 4.6
1982	761,859	- 8.3

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

*Mill Shipments